

FIRE PREVENTION STANDARDS

Subject: Corridor Smoke Detectors Number: 442.402 Date: Revised 11/19/01 Page 1 of 1

OBJECTIVE

To provide for the safety of office occupants that can only exit by the corridor from fires that may be in rooms adjoining the corridor. To give early warning to lessen the risk of injury during egress from smoke. Also to provide this safety without the inconvenience of a one hour fire resistive corridor and all the appurtenances that go along with such construction.

This Standard will apply to corridors within office areas serving 100 or less occupants in buildings on floors or in buildings that are fully protected by an automatic fire sprinkler system installed and maintained in accordance with N.F.P.A. 13 AND U.B.C. STD. 9-1.

This Fire Prevention Standard will apply to all persons that intend to use section 1005.7 exception number 5 & 8, of the Uniform Building Code for construction of a corridor.

PROCEDURE

- A. **Exception 5:** Corridor walls and ceilings need not be of fire-resistive construction within office spaces having an occupant load of 100 or less when the entire story in which the space is located is equipped with an automatic sprinkler system throughout and smoke detectors are installed within the corridor in accordance with their listing.
1. Doors and door assemblies may be of ordinary construction and self closing doors are not required. Instructions about the need to close in case of fire shall be included in emergency procedures as required in section 3.09 Title 19 California Code of Regulations for buildings 2 or more stories in height and in businesses required by OSHA to provide emergency plans.
 2. Smoke detectors shall be connected to a building fire alarm panel and annunciate in all areas served by the corridor.
 3. Installation shall be by licensed fire alarm contractors.
 4. Testing shall be performed by the installer in the presence of a Fire Prevention representative.
- B. **Exception 8:** Corridor walls and ceilings need not be of fire resistive construction within office spaces having an occupant load of 100 or less when the entire building in which the space is located is equipped with an automatic sprinkler system throughout.

Mike Dobson, Fire Marshal
